

# INTERNATIONAL SEARCH REPORT

Internat Application No  
PCT/GB 03/04560

## A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E01C13/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.                  |
|------------|--|--|
| X          | PATENT ABSTRACTS OF JAPAN<br>vol. 016, no. 299 (M-1274),<br>2 July 1992 (1992-07-02)<br>-& JP 04 083006 A (TORAY IND INC),<br>17 March 1992 (1992-03-17) | 1,2,13,<br>14,22,<br>27,28,<br>33-35   |
| Y          | abstract; figure 3<br><br>---<br>-/-   | 3-5,<br>7-12,17,<br>19-21,<br>23-26,32 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

13 January 2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |   |
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| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.                         |
| X  | DATABASE WPI<br>Section PQ, Week 199817<br>Derwent Publications Ltd., London, GB;<br>Class Q41, AN 1998-189892<br>XP002266684<br>-& JP 10 046516 A (GEOTECH KK),<br>17 February 1998 (1998-02-17) | 13,14,<br>16,18,<br>27,28,<br>30,31,<br>33-35 |
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| Y  | FR 1 296 151 A (SKI DEK CORP)<br>15 June 1962 (1962-06-15)  | 11,20,21                                      |
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| A  | WO 99 60213 A (MATTHIAS CLAUS G)<br>25 November 1999 (1999-11-25)<br>abstract<br>page 5, last line; figure 3  | 6,15,29                                       |
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